

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Mircea Gradu

GROUP:

SERIAL NO.:

EXAMINER:

FILED: December 9, 2003

DOCKET NO.: TIMK 8823US

FOR: STABILIZER BAR HAVING VARIABLE TORSIONAL STIFFNESS

St. Louis, Missouri  
December 9, 2003

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO §1.97 AND § 1.98**

Sir:

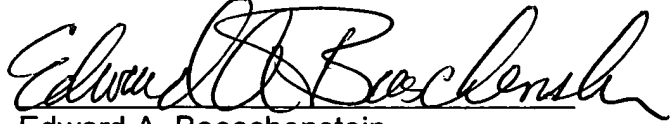
The information, patents and/or literature references listed on the attached form PTO-1449, copies of which are enclosed, are being submitted within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114. **Therefore, no fee is due.**

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The Commissioner is hereby authorized to charge any additional fees or credit overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account 162201. *Duplicate copies of this sheet are enclosed.*

Respectfully submitted,

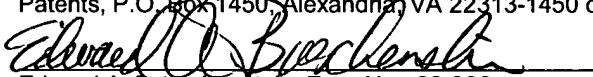


Date: December 9, 2003

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<b>FORM PTO-1449</b> U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.:</b> TIMK 8823US	<b>SERIAL NO.:</b>
	<b>APPLICANT:</b> MIRCEA GRADU	
	<b>Filing Date:</b> 12/09/03	<b>Group:</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number										Kind Code (click here)	Patent Issue Date <b>OR</b> US App. Pub. Date <b>OR</b> US Non-Published Application Filing Date	Name
	US	5	8	2	6	6	8	7				10/27/1998	Büngeler et al.
	US	5	8	4	5	7	5	3				12/08/1998	Bansbach
	US	6	4	2	8	0	1	9				08/06/2002	Kincad et al.
	US	6	5	0	7	7	7	8				01/14/2003	Koh
	US	6	2	4	1	0	6	7				06/05/2001	Höck

**FOREIGN PATENT DOCUMENTS**

Examine r Initial	Document Number								Date	Country	Translation	
											Yes	No
	GB	2	2	3	0	2	3	7 A	10/17/1990	United Kingdom		
	DE	4	4	4	3	8	0	9 A1	04/04/1996	Germany	X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Brochure, DELPHI Energy & Chassis Sysems, 2002, "Dynamic Body Control System"
		Brochure, SAE International, Aleksander Hac, March 2002, "Influence of Active Chassis Systems on Vehicle Propensity to Maneuver-Induced Rollovers"

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449)

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**CONCISE EXPLANATION OF RELEVANCE  
of Offenlegungsschrift  
DE 44 43 809 A1**

Referring to Figs. 1 and 2, a stabilizer 21, 23 for the front suspension system of an automotive vehicle has a stabilizer unit 19 that includes a housing 47 and a rotor 49 located within the housing 47. The rotor 49 has vanes 51 which project outwardly toward the inside surface of the housing 47, and the housing 47 has vanes 53 which project inwardly toward the rotor 49. The vanes 51 lie between the vanes 53 and vice versa, and the alternating vanes 51 and 53 create spaces 55 within the housing 47. The space 55 contain a hydraulic fluid, the pressure of which is controlled through a hydraulic line 57. The pressure of the fluid in the spaces 55 controls the stiffness of the stabilizer 21, 23 – the greater the pressure, the greater the stiffness.